



# BADGER STATE Smoke Signals



**Serving Amateur Radio in Wisconsin**

**Published Monthly Since 1969**

Vol. 14 No.11 - 177th Consecutive Monthly Issue - Baraboo WI - November 1984

**HELP WANTED: FILE COMMENTS, SAVE TOWERS**  
from *The ARRL LETTER*, October 11 1984.

Radio Amateurs who have experienced zoning and other state or local restrictions on erecting effective Amateur antennas: Your help is urgently needed! The League needs you to file comments with the FCC that give a factual account of problems you've encountered in obtaining permission from local authorities to erect your Amateur antenna.

In mid-July, ARRL filed an extensive document with the FCC that requested the Commission to issue a public declaration that state and local authorities may not prevent antenna effectiveness. Such onerous restrictions inhibit the federal objectives of the FCC's licensing of Amateur Radio stations; therefore, the Commission should declare that such regulations are preempted. The FCC has since designated the League's request as "PRB-1," and established a "pleading cycle." Comments are now due November 9 and replies to comments are due December 14.

A notice requesting comments on the League's "Request for Issuance of Declaratory Ruling" on antenna zoning appears in the September 14 Federal Register. The notice says in part: "While it is not required that this notice be published in the Federal Register, the Register is being used in this instance as one additional method of seeking comments from the public because of the potential impact this

matter could have on persons outside the field of communications."

It is critically important that as many Radio Amateurs as possible file comments on PRB-1. ARRL's request was preceded by a nearly identical request by United Satellite Communications, Inc. (USCI). USCI has found that its marketing of small, four-foot in diameter television receive only (TVRO) "dish" antennas has been severely restricted by state and local regulations. The problems TVRO owners have been encountering are similar in nature to Radio Amateurs' problems. However, USCI's request has heavy opposition from organizations that represent local government interests. (e.g., the American Planning Association, the National League of Cities, the City of New York, etc.) A common theme that runs through the comments of most of the opposition is the claim that USCI has failed to demonstrate that there is indeed a serious problem.

ARRL expects similar opposition to its request, PRB-1. That's why it is so important that individuals and clubs present the FCC with case-histories of problems Hams have faced in getting or being denied permission to erect effective Amateur antenna systems. Send an s.a.s.e. with 88¢ postage to ARRL Hq. and ask for the PRB-1 material, which will give you our original filing and instructions for filing comments. The procedure for filing comments is simple: send one original and four copies

continued on page 4

**Badger State Smoke Signals****Officers:**

Ken Ebnetter, K9EN, Chairman  
 Jim Romelfanger, K9ZZ, Editor  
 Jim Decker, WB9UQT, Treasurer

Send editorial material and  
 exchange papers to:

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 301 1/2 7th St.  
 Baraboo, Wisconsin 53913

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Send address corrections and  
 changes to:

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 822 Wauona Trail  
 Portage, Wisconsin 53901

Permission is granted to re-  
 print items from BSSS provid-  
 ing credit is given to the  
 author and Badger State Smoke  
 Signals.

If you are saving Badger State Smoke Signals, please change the date on last months cover (the one with the GEARVAKf construction article) from September to October. Sorry if any confusion, we did not intend to have two September issues. --k9en

**SWAPFESTS AND OTHER SOCIAL EVENTS**

The 12th FORT WAYNE (INDIANA) HAMFEST sponsored by the Allen County Amateur Radio Society, Inc. will be held on Sunday, November 11, 1984 at the Allen County Memorial Coliseum, Coliseum Boulevard (U.S. 30) at Parnell Avenue. Advance Tickets \$3.00 or \$3.50 at the door. Tables \$8.00, premium tables \$20.00 (NO table sales at the door!). Ticket and table deadline is October 20. Hear the infamous "HAM BAND" again under the direction of Luke Matthew, WB9EWJ. For tickets, tables or more information, contact: Hamfest Chairman AC-ARTS, P.O. Box 10342, Fort Wayne IN 46851.

The 13th Annual Midwinter Swapfest sponsored by the West Allis Radio Amateurs Club is scheduled for Saturday, January 12, 1985. New LARGER

building, more room than ever before. Beginning at 8:00 a.m. at the Waukesha Exposition Center, Highways F & FT, Waukesha, Wisconsin. Free coffee and donuts. Food and refreshments served by W.A.R.A.C. at low, low prices. Reserved tables: \$3.00. Reservations accepted through December 31, 1984. Non-reserved tables: \$4.00, first come - first served. Admission: \$2.00 in advance and \$3.00 at the door. Mail reservations with S.A.S.E. to: WARAC SWAPFEST, P.O. Box 1072, Milwaukee, Wisconsin 53201.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages, and/or we can include your flyers. For information on rates and requirements for our advertising pages, and/or for including flyers, please contact K9ZZ or K9EN.

**CLUB MEETINGS:****Kettle Moraine Radio Amateurs:**

All meetings are held on the SECOND (2nd) Friday of each month.

**Madison Area Repeater Association**

The 1984 Christmas party has been booked for Monday, December 3rd, at the Hilltop Inn between Cross Plains and Pine Bluff. Cost: \$3.00 per person. Send reservations by December 1 to Clyde, W9HSY, MARA, P.O. Box 3403, Madison, Wisconsin 53704.

**Milwaukee Radio Amateurs Club:**

All regular meetings of MRAC are scheduled for 1984 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month.

The Thursday November 8, 1984 meeting speaker will be Mr. Jim Taylor, K9JT.

The annual Christmas and Old Timers party will be held Thursday December 6, 1984 at the Pabst Blue Ribbon Hall. (reservations required.)

1985 meetings will be Jan. 10, Feb. 14, Mar. 14, Apr. 11, May 9, Jun. 13, Sep. 12, Oct. 10, Nov. 14.

West Allis Radio Amateurs Club  
Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association  
(Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club:  
(Baraboo, WI)

All regular meetings of YTARC are held in room 34 of the Baraboo Civic Center. Nov. 14, Dec. 13.

Saint Paul Radio Club, Inc.

An open invitation is extended for anyone who is in St. Paul on the first Friday of the month, to attend our club meeting. We have 125 members in attendance and always have a good program scheduled.

We meet at the American Red Cross building, 100 South Robert St., St. Paul, MN starting at 7:30 p.m. Refreshments are served. We have a fun attendance prize drawing and plenty of time for "eyeball" QSO's. We would enjoy having Wisconsin Hams attend any meeting as our guest.

If you are in town on the meeting night, come on down!

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club or members of other clubs interested in making an interclub visit.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS  
Oh what the heck -- items of interest:

Four Lakes Amateur Radio Club  
THE FEEDLINE

The FLARC fall Novice Class has 25 people attending. This intrepid group includes at least two licensed Hams that are attending for review purposes, three former students who were unable to obtain their license, one XYL who is joining him -- because she can't beat him, and the rest is a balanced mixture of non-Hams. This class seems to be less diverse than some classes of the past and has a large number of men nearing retirement who claim they are finally taking the time to get into the hobby.

On Monday evening, September 24, 1984 a severe thunder and lightning storm passed through the area leaving some damage in it's path. Sauk City was the hardest hit area locally knocking down trees and tipping over some aircraft.

At the home of Herb, W9LA, lightning struck his Ringo Ranger, leaving no traceable evidence of it's whereabouts. Herb also took a voltage spike in the house. That damaged his range-hood in the kitchen, and also zapped some diodes in his HF power supply. The damage seems to be minimal and can be fixed.

The home of Joel, N9CPW, was also tickled by the storm. Joel didn't receive the damage that Herb did, but it was a very close call. Lightning struck the tower, traveled down the tower and blackened 2 out of 3 legs, and broke some of the cement at the base away. This was also minimal damage.

Lightning can be very beautiful on one hand, and very destructive with the other. Every one should learn to respect it, especially if one is a Ham. Just remember when lightning threatens unhook your antenna leads and remove all the wall plugs that you can. Remember put everything to ground. Grounding systems just can't be beat.

Green Fox Amateur Radio Club  
(Green Lake)

FOXTALES

K9VVO - Frank was hospitalized with emergency surgery the first part of October. We wish Frank a speedy recovery.

WB9RBC and YF Vivian are presently trailer mobile and can be worked on the 40 meter Mid Cars net (7258 KHz) in the morning or at noon on the Firebird net (7277 KHz). A.C. is running a 901 to a vertical mounted on top of the trailer. A very nice signal, too.

It is with deep regret that we report the passing of KF9W - George "Sonny" Barger, Jr. of Montello, Wisconsin. Sonny was an avid DXer and a close friend to many in the Rock River Radio Club, Juneau.

Amateurs in the range of the Green Lake Repeater (146.955/.355), don't forget about the Sunday night ARES net at 8:00 p.m. local time. Everyone is invited and urged to check in. Following the Green Lake County Net, the Fond Du Lac County ARES Net convenes on

147.69/.09 at 8:30 p.m. The  
Juneau ARES net is Monday nights  
at 8:30 p.m. on 146.04/64.

### Kettle Moraine Radio Association KETTLE DRUMS

Newly elected officers are:

President: K1TMM, Bruce Herrick  
Vice Pres: KC9BY, Ed Hellman  
Treasurer: WB9LLZ, Sandy Dziubek  
Secretary: KD9GS, Joe Lindsay  
Board of Directors:  
N9KS, Ken Secora  
K9OSC, Bob Brock  
WB9HCO, Paul Sperbeck

Congratulations to all!

### Milwaukee Radio Amateurs Club HAMATEUR CHATTER

Silent Keys:

John F. Urig, K9KCO - Feb. 4  
Esthetial Ford, KA9GRJ - Sep. 3  
Robert G. Turner, W9GKT - Sep. 4  
William Gainer, W9SP - Sep. 14

To the families of each of these  
we extend our heartfelt sympathy.

### Wisconsin Nets Association

For news of the WNA see the WNA  
section of Smoke Signals.

### West Allis Radio Amateurs Club HANTRIX

The September transmitter hunt had  
Bob Scrip, WD9ANY, as usual, well  
hidden. The teams of WA9POV with  
K9IAC and W9YCV with W9FJE were  
hunting. Neither team located the  
hidden transmitter.

The final point standings for the  
year are:

1st	WB9BZP/W9YCV	43	points
2nd	WA9POV/K9IAC	38	points
3rd	WD9ANY	13	points

### Wisconsin Chapter QCWA

Wisconsin QCWA net meets each  
Sunday morning at 8:30 am on 3985  
KHz.

### Yellow Thunder Amateur Radio Club, Inc. For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs  
and their bulletins for the information  
presented. Badger State Smoke Signals  
will be pleased to exchange bulletins  
and information with your club. Please  
contact K9ZZ or K9EN.

It's said that a paint has been inven-  
ted that renders an object invisible at  
a few yards. -- Golf ball manufacturers  
have been using it for years.

from page 1

of your comments to: The Secretary,  
FCC, Washington, D.C. 20554. The  
first page of your comments should  
include the heading, "Comments in  
Response to PRB-1." They must be re-  
ceived no later than November 9.

The League's request carries with some  
risk in that if the FCC denies that  
preemptive relief requested, it could  
embolden local municipalities to in-  
crease its regulatory pressure on Ama-  
teur Radio. At the same time, however,  
it has become clear that the present  
course of fighting antenna regulations  
in the courts has not gained us much  
ground. Litigation is time-consuming,  
expensive, and its legal effect can  
easily be limited to the facts surround-  
ing the particular case. What we  
urgently need is for the FCC to act  
positively on PRB-1. The FCC should  
issue a declaratory ruling exercising  
its federal preemptive authority over  
any state or local regulation that  
precludes or significantly inhibits  
effective, reliable Amateur communica-  
tions and which is not clearly necessa-  
ry to insure the safety of the instal-  
lation.

### BEAR WITH US

A Pole, a Hungarian and a Czechoslovak-  
ian went hunting and met a female and a  
male bear that promptly devoured them  
all.

When a rescue squad arrived they shot  
the bears and cut open the female.  
There they found the Pole and the Hun-  
garian.

"Well," said one of the squad members,  
"it is obvious that the Czech is in the  
male."

--Boscobel Dial

NOTE... When you scratch out a blurb  
for Badger State Smoke Signals, we'd be  
grateful if you'd capitalize the words  
"Amateur Radio" or "Ham Radio." They  
ARE proper names, and are due respect.

Also, if you can, please use a type-  
writer to write your copy. If you hap-  
pen to have a Radio Shack Model 4, IBM  
or CPM (8 or 5 inch soft sector) even  
better! Our files are maintained in  
Scriptit, Super Scriptit or Word Star  
but we can read any ASCII file. Bash  
your copy in and send us the disk! We  
also hope to have a modem operating  
soon and will be able to take copy that  
way. (Please forgive my use of the  
word "bash.") -k9zz es k9en



## WISCONSIN NETS ASSOCIATION LTD.

## WISCONSIN NETS

NET	WNA	FREQ	UTC	LOCAL	MANAGER
BWN	YES	3984	1100Z	0600	WD9IID
BEN	YES	3985	1700Z	1200	WB9ESM
WSBN	YES	3985	2230Z	1730	WA9ZTY
WNN	YES	3723	2300Z	1800	KA9OBP
WSSN	YES	3645	2330Z	1830	KC9CJ
WIN-E	YES	3662	0000Z	1900	WB9ICH
NWTN	YES	34/94	2330Z	1830	N9BDL
NCWTN	YES	31/91	2330Z	1830	N9AUG
GR.BAY	NO	72/12	0145Z	2045	WB9NRK
			THU	WED	
WRN	NO	3620	0200Z	1900	K9UTQ
	RTTY	Mon. Wed. Fri.	UTC		
		Sun. Tue. Thu.	Local time		

MINUTES OF WNA MEETING, SATURDAY,  
SEPTEMBER 15, 1984, NORTH WOOD COUNTY  
PARK:

Meeting called to order by Chairman  
WB9ESM.

41 calls on sign in sheet, many more  
guests and family members.

Secretary's report KA9BHL: Minutes of  
last meeting mailed... Motion to accept  
- KA9IKR, second, KA9CPA, passed.

Section Manager's Report K9BDF: Thanks  
to all for sending SAR and PSRR, more  
later.

Section Training Manager Report K9UTQ:  
Please send net reports promptly. Some  
interest in RTTY net, hope to start  
this fall. Looking for new NM-WIN/L,  
K9LBU has done a good job for 12 years.

SET coming up, forms available for Net  
Managers.

Month of October - 194 stations avail-  
able on nets, 111 locations, 18 Eau  
Claire, 17 Rhinelander (2-meter nets.)

Section Emergency Coordinator W9QAK:  
Comments on Barneveld -- all involved  
very pleased with Ham help.

For SET, extra net sessions needed  
Saturday and Sunday.

There was a mix-up on SAAGBRAU bike  
ride, Hams not asked to help.

## NET REPORTS:

WSBN - WA9ZTY:

1. Need NC stations for Monday p.m.  
and alternate Tuesday and  
Thursday.

NWTN - N9BDL:

1. Comparing '84 to '83, checkins  
down, traffic up. Total time down.
2. New reg. station, W9JSF, now NC  
Saturday nite.

NCWTN - N9DHT:

1. I have been NM for about one  
month.
2. Net improving, ave. checkins - 10  
per session.
3. Clearing 88.2% traffic.
4. Average session 15 min.

WIN/E - WB9ICH:

1. We need more people, WIN reps for  
Tuesday, Thursday, and Saturday.  
Net control Wednesday, and 9RN rep  
Saturday.

WIN/L - K9LBU:

1. We have fewer sessions, checkins,  
and less traffic, but we do it in  
less time!

BEN - WB9ESM:

1. Traffic and checkins about the  
same.
2. New member, W9JSF Carl, net con-  
trol. Also KOPSH.
3. Need net control stations and 9RN  
reps.

Announced from the floor -- Bill  
Gainer, W9SD, passed away. A moment of  
silence observed at the meeting.

BWN - WD9IID:

1. Traffic down June, July, and  
August - poor band conditions.
2. Need stations with WX info from  
western Wisconsin.
3. TNX to all NC stations and KA9CPA.
4. Need Madison WI stations.

WNN - KA9OBP:

1. August 140 checkins, 30 offered,  
26 cleared.
2. Checkins down.
3. TNX to N9BDL - most consistent  
station, and WD9IID for NCS.
4. Need NCS for Saturday.
5. Going off frequency - please go  
down!

WSSN - KC9CJ:

1. Our speed is 13 - 15 w.p.m.
2. Need more stations and traffic.
3. Please help carry traffic between  
all nets - CW and phone.
4. TNX to N9BDL, best checkins, and  
K9VDD, also always on.

STM - K9UTQ:

1. TNX to all NMs, keep up the good work, and send in reports.
2. TNX to all, and welcome to all guests.

Comment - WB9ESM:

1. Wisconsin is 3rd in U.S. traffic.

Comment - K9GDF:

1. Outstanding, please send all reports in to keep us there.

Comment - KA9CPA:

1. Have 2-meter stations submit SAR for traffic count.

Comment - W9IEM:

1. I've been relaying traffic on Central Area Net, if you like traffic, that's the place!

Comment - W9YCV:

1. Someone in each net should pick up traffic offered going in-state.

#### WNA: TREASURER'S REPORT

For June 9 to September 15, 1984:

Checkbook balance June 9	\$73.47
Income from picnic attendance	163.00
Boosters paid from	
June 9 to September 15	107.00
Boosters paid at picnic	108.00
Money left over from K9FHI fund	12.62

TOTAL	464.09
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Plaques for traffic handler	
of the year	16.24
BSSS renewals prior to picnic	63.00
BSSS renewals at picnic	67.50
Amateur Electronic Supply	
gift certificates	42.00
prizes	41.37
Ladies' and kids' gifts various	30.00
Ladies' plants	47.25
Beer and soda at picnic	67.88
Present balance in checkbook	73.08

TOTAL	464.09
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Respectfully submitted:  
Richard O. Hugl / KC9CJ, Treasurer  
September 15, 1984

#### ARRL SECTION MANAGER

RICHARD R. REGENT, K9GDF  
5003 S. 26th St.  
Milwaukee, Wisconsin 53221

Wisconsin and Amateur Radio can be proud of Dave, N9BYK and Rich, KA0BZK for their success in Exercise NIGHT

TANGO VI. NIGHT TANGO VI is the latest in a continuing series of communications exercises sponsored by the National Communications System to develop and evaluate the capability of Amateur Radio, MARS and CAP to support national security and emergency preparedness telecommunications requirements (See QST June page 94 and October page 72).

A few weeks before the exercise, I received a phone call from K4VKU in Washington, D.C., asking me to select two Madison area volunteers to demonstrate Amateur Radio capabilities to high level government officials. At the WNA Picnic, N9BYK and his friend KA0BZK volunteered.

On September 26th an official arrived in Madison and phoned N9BYK and KA0BZK to give them brief instructions. The next evening Dave and Rich were given messages to send. The sent each of three outgoing messages to stations directly to proper cities, each within 35 minutes of origination, through the use of the Central Area Net, Fourth Regional Net and 40-meter SSB.

The incoming messages, even though impossible to control, were all received. KA0BZK says, "Of the three incoming messages, we received two and just by luck were able to track the third on to insure its delivery. If we didn't ask about the third message, I'm afraid it might not have been delivered."

Congratulations to N9BYK and KA0BZK for a thorough job and well handled assignment.

The Wisconsin Nets Association Picnic at North Wood County Park on September 15th had great weather, attendance, conversation and door prizes. Forty-one Hams signed in and many brought along wives, children and friends.

Roy, K9FHI, was surprised when awarded a special plaque and gifts on behalf of all appreciative Wisconsin Amateurs for his 11-years as SCM/SM. Balloon pilot KB9FM took Roy for a special and colorful balloon ride launched by dozens of traffic handlers. Ascending from the picnic area, Roy provided hot-air 2-meter contacts to those left behind on the ground who were waving and cheering. It was a day to be remembered by all.

William P. Gainer, W9SD, became a Silent Key at the age of 78. Bill, first licensed in 1925 as Ohio 8AEE, was active in traffic, clubs, Milwaukee ARES and was a director of Wisconsin Chapter QCWA. Also sorry to report Silent Key George Barger, KF9W.

New officers of Central Wisconsin Radio Amateurs: Pres. K9WVM; V.P. KA9FAS; Sec. Treas. W9BCC; Activities, KA9OTD; Equipment, K9MIF.

Planned by KC9YE, coordinated by EC KB9WK, and helped by KA9RII, N9BOE, WD9DTX, N9ECE, KD0FV, KA9PSL, N9CRO, KU9I and KD9EC - succeeded to impress officials with communications for Millston and Black River Falls simulated forest-fire exercise.

N9AU confirmed his 304th country.

The Central Area Net Daytime (CAND) reports that Wisconsin had 100% representation with N9BGE, WD9FRI and W9IEM and handled 877 messages in 30 sessions.

Wisconsin has 40 accredited ARRL Volunteer Examiners and ranks third place out of 73 sections for handling traffic.

73 de K9GDF, ARRL SM

WIN/E

(Wisconsin Intrastate Net - Early)

From Net Manager  
Larry Guthu WB9ICH  
706 Jennings  
New London, Wisconsin 54961

Hi Gang!

Well, here it is, time for another installment from your busy Net Manager.

The last few months have been doing fairly well, as far as traffic goes. Checkins have been slowly increasing, I think because of the coming winter (I'm not sure, but it is a good idea.)

We are still looking for an NCS for Wednesday evenings, also looking for someone to take Early 9RN for Saturday night. If anyone is interested, let me know by radiogram, or informal on the nets. We also could use alternate NCSs and people to go to 9RN as alternates.

Warren, W9KU, will be going out of state for the winter, and will be gone from November 15 until about the first week in April, so we will be needing someone to fill his NCS spot temporarily on Thursday nights. If anyone would like to try NCSing, or would like to fill the opening, let me know.

It was nice to see a lot of you at the WNA picnic in September, and I hope that everyone enjoyed themselves. I know I did! I hope that those of you who couldn't make it will be able to make it next year.

I would like to extend my thanks to all my NCSs for getting the net reports to me on time, and also to those who do their duty as 9RN reps. I hope that WIN will have your continued support, and also the support of those people who check in daily. If it were not for you, our nets could not survive. THANKS!

I guess that is about it for this time around, so, as I've said before, keep up that WIN-ning spirit, and will see you on 3.662.

-Larry WB9ICH Manager WIN/E

#### BOOKS - FRANK TALK:

By John W. Frank WB9TQG  
P.O. Box 5113  
Madison WI 53705

WEEKEND PROJECTS FOR THE RADIO AMATEUR  
Edited by Marian S. Anderson WB1FSB

Published by the ARRL  
61 Pages (paperback) \$3.00

First for the good news: The thirty-four projects in this book cover the gamut of Amateur Radio from a one IC code practice oscillator to a cavity amplifier for 1296 MHz.

The bad news is that these projects have appeared in other ARRL publications. Those of us who have libraries of ARRL publications will notice the duplication of articles much more than newcomers to the hobby who don't have a ten-year collection of QST.

However, this book does provide a compendium of information which should be of interest to homebrewers and experimenters.

The thirty-four projects are divided into six chapters: Receiving, Transmitting, Test Equipment, Accessories, Power Supply, and Miscellaneous.

As is typical for League publications, the writing is clear and easy to understand, the schematics are well drawn, and the photos are sharp. Printed circuit board layouts are included for those projects which require them.

Do I have any criticisms of this book? Only one: It would have been helpful (to me, at least) if the original publication in which the article appeared could be listed with the projects in this book. This would enable the reader to refer to the original article to see if any changes had been made, and if any additional references were available.

-John W. Frank WB9TQG

## YELLOW THUNDER AMATEUR RADIO CLUB

The October 16, 1984 meeting of the Yellow Thunder Amateur Radio Club, Inc., was called to order in room 34 of the Baraboo Civic Center, by President Art Kleefisch, W9WSS.

The following members were present:

Art Kleefisch, W9WSS	Baraboo
Duane Grotophorst, KA9HKL	Sauk City
Ken Ebnetter, K9EN	Portage
Jim Decker, WB9UQT	Baraboo
Harry Mayland, K9FFT	Baraboo
Ken Johnson, K9DZG	Mazomanie
Harold Reif	Baraboo
Peter Sweeney, WD9JIB	Reedsburg

The following guest was also present:

Harry Westlund, K9EHJ Baraboo

The Minutes of the previous meeting were accepted as printed in Badger State Smoke Signals.

The Treasurers report was presented by Treasurer, Jim Decker, WB9UQT, showing a total balance of of \$264.47.

Communications and announcements:

ARRL ballots for Vice-Director are out and all League members are encouraged to vote. (It was noted that our own member, Ken Ebnetter, K9EN is a candidate.)

The Novice classes have begun with a total of eight different persons attending the first three sessions.

Harold Reif announced that he has several items for sale.

No old business.

New Business:

Motion by Ken Johnson, K9DZG to transfer \$60.00 from the general reserve fund to the operating fund. Seconded by Harry Mayland, K9FFT and passed by voice vote.

Programs for the November and December meetings were discussed. The November program will be on antennas and December will bring our annual Christmas party and election of 1985 officers.

The door prize drawing was for \$3.00, and the lucky winner was Jim Decker, WB9UQT, who was present to claim his award. Next month it's back to one dollar. (You must be present to win.)

The meeting was adjourned by President, Art Kleefisch, W9WSS.

Following the meeting a County Hunters slide presentation and discussion was presented by Ken Johnson, K9DZG.

Respectfully submitted  
Ken Ebnetter, K9EN, Secretary.

## BIRTHDAY

The following YTARC members are celebrating their birthday:

Wm. Hommel	KA9QFT	November	4
Orv Warning	W9OXN	November	14
Gary Pratt	WB9ECO	November	17
James Taylor	WA9GJV	November	21

We apologize for missing the following birthday in October.

Paul Amend KA9OBP October 10

Upcoming YTARC meetings:

The Wednesday November 14, 1984 meeting will be held in room 34 of the Baraboo Civic Center at 7:30 p.m. The program will be on antennas for Amateur Radio stations. Moderated by Ken Ebnetter, K9EN and Art Kleefisch, W9WSS. Bring your antenna questions to the meeting for our experts to answer.

The Thursday December 13, 1984 meeting will feature our annual Christmas party and the election of officers for 1985. The meeting will be in room 34 of the Baraboo Civic Center.

BOOKS... FRANK TALK:

By John W. Frank WB9TDG  
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SECRETS OF HAM RADIO DXING

By Dave Ingram K4TWJ

Published by TAB Books Inc.  
176 Pages (paperback) \$7.95

From the point of view of a non-DXer (my idea of DX is Michigan), this book should be of interest to neophyte DXers and newcomers to Ham Radio.

The eight chapters provide a considerable amount of information on topics ranging from antennas and amplifiers to QSLs and accessories.



DXpeditions get a chapter of their own. I found this chapter very interesting, because it describes some of the things that can go wrong on a DXpedition.

The book concludes with four appendices: ARRL DXCC Country List, Beam Headings, QSL Bureaus, and International Prefixes.

Who would I recommend this book to? Although veteran DXers might not get much out of this book, rookie DXers could learn a lot about DX etiquette, and how to make the most of their equipment.

What did I learn from this book? Even if state-of-the-art equipment helps, DXing is still based on listening a lot, and being on the right frequency at the right time.

-John W. Frank WB9TQG

#### FROM YOUR EDITOR:

Here are a few things to munch on:

I've changed my QTH.. again.. my second move since last October. Some of our exchange paper editors never did make the last correction, and the Postal Service's forwarding orders expire after one year. Maybe this will keep the orders alive for a while, and I'll keep getting those papers... but you never know.

My latest address is:

301 1/2 7th Street  
Baraboo WI 53913  
No Telephone

Now... with the Volunteer Examiner Program(s) getting underway, Badger State Smoke Signals is starting a new column.

The column's name, suggested by Gari Berliot, K9PBV (Peanut Butter and Vinegar... that would make a neat new pizza topping, huh?) will be The Test Point!

We'll list each club or group's examination schedule(s) as they are submitted to Badger State by that club or group.

The schedules will include date(s), time(s), and locations of each examination session, along with the class of examinations being offered.

If your club or group has examination session(s) scheduled, please send them, as soon as they are firm, to: Jim

Romelfanger, K9ZZ, 301 1/2 7th Street, Baraboo WI 53913.

You want to serve our hobby when you administer exams, and we want to serve our hobby by telling everyone about the exams. Please be sure to let us know!

If you have an exam schedule to tell us, drop me a card, and I'll send you a few postpaid cards for you to use.

The new exam setup just has got to work, and this is how Badger State can do its part... and we will!

A reminder... If you received a ballot for the ARRL Central Division Vice-Director elections, and you haven't marked it and returned it yet, please do it now! From my personal point of view, I'd be grateful if you would make your X in the K9EN box on the ballot. It would be hard to match Ken's leadership abilities.

Congrats to Don Stenz, K9KSA, on the third rising of The Herald! From our standpoint, we well know it is darn hard to keep a paper running, but, nonetheless, we wish him luck! But... We have to admit that, with all the difficulties keeping one paper going, we just have to wonder what the effect of two papers will be. Badger State is non-profit! In fact, it was never intended to make money.

Badger State will be welcoming a major club to our effort... Their monthly column in this newsy paper starts in January, 1985.. We thank them for their support. You'll read more later.

It's time for business card ads to be solicited for 1985. You have noticed that four state swapfests are listed on our ad page. If your club has a swapfest, and your event isn't on that page, you are invited to join the other four which are! Our rates are most reasonable, and we'd like to run a separate page of ads, showing swapfests, and any other Amateur Radio events in the Badger State which you might want to publicize.

If you would like information, write: Jim Romelfanger, K9ZZ, 301 1/2 7th St., Baraboo WI or Ken Ebnetter, K9EN, 822 Wauona Trail, Rte. 1, Portage WI 53901, or call Ken at (608) 742-3560. You can keep interested people reminded of your event all year 'round here in Badger State! We will probably print the ad pages around mid-December, so time is already getting short.

The Wisconsin Nets Association celebrates 25 years of dedication to and support of public service net activity in January, 1985. We're looking for

anyone familiar with the WNA's early days to write a blurb or two for this rag. If you'd like to help Badger State's salute to the WNA, scratch out a line or two (preferably more), and mail it to me. Look for something special in January, 1985, about the WNA. There is no other Amateur Radio organization like it!

Last month, we carried an item about the Wausau club's anniversary... I failed to call it by its current name! The Wausau Radio Operator's Club is now the Wisconsin Valley Radio Association (WVRA). Sorry, gang! And... it was my goof this time... no scapegoat.

Finally... A friend of mine is looking for a disk drive and perhaps a printer for a Commodore C-64. If you have one that works, one you can part with, and one you don't want a fortune for, drop me a line, or catch me on Baraboo 28/88. He would like the printer to have graphics capability. He also might be interested in software. (He also might buy a C-64, if you catch me soon enuf.) My address is above.

Oh... I had a card from Ham Radio Magazine regarding my limerick on last month's mailing cover. I'm not sure if it was a compliment or not... "Didn't know you had such a fertile mind. Keep up the good work." We'll try! My mind got fertile again, as you see on this month's mailing cover. Or... Maybe it wanted revenge... Anyway, hope you like it, and didn't need a barf bag when you read it.

Badger State Smoke Signals is a great Christmas gift! Think about it... fill out the subscription form now... enclose your check... and enjoy our paper 12 months a year... every year. We've been doing this every month since 1969... nary a missed issue!

73, Jim Romelfanger, K9ZZ, Editor

#### NEW COMMUNICATION MEDIUM TAPPED from GEARVAKf bulletin

An exciting new prospect for wide-area communications has been proposed by Czech proctologist Vladisnik Jurzanskvaia. Dr. J's revolutionary new approach to radio -- lightning modulation -- has enormous implications for the communications industry. "All you need iss tall antenna and bad wedder," explained the scientist at the international symposium of urogeologists held recently in Spearfish, South Dakota.

A demonstration was prepared on a hot August 5th afternoon, just as a rapidly approaching cold front rolled into the area. A 5000-foot roll of #12 braided

wire was uncoiled by the scientist during his ascent in the gondola of the hydrogen-filled balloon.

Dr. J was last seen disappearing into the black clouds, the spectators anticipation punctuated by brilliant jabs of lightning overhead. An earsplitting explosion above the clouds added to the drama of the history-making episode. The reporter was awed by the spectacle and is eager to present the conclusion of the experiment just as soon as Dr. J can be found.

--WA4PYG

#### GEARVAKf PLANNING DX-PEDITION TO BEIRUT, LEBANON

Chairman of the GEARVAKf DX Committee, Dr. Lyle Voltz Edison, announced last Monday that the Committee will be conducting a special DX-pedition to Beirut, Lebanon this fall. "We have note a marked reduction in DX activity from Lebanon in recent years," said Dr. Edison, "and we hope to open this countryup again for those coveted contacts." After arriving in Beirut, the Committee plans to set up their DX station at the international airport there and begin operating immediately.

#### FROM YOUR EDITOR:

One thought:

Our ARRL, it has been said, would probably be brought down by its own Board of Directors. Not very likely, it seems to me, but our League was recently saved from real problems - and perhaps even destruction from within - when the League's staff voted against unionizing.

Now, I realize people have a right to organize (often with disastrous results), but would you like to someday call HQ, and be told the staff didn't feel like working, made a bunch of neat signs, and were running around in the parking lot, having a great time... and they didn't know when (or maybe if) they would decide to go back to work?

I guess the most worrisky thing about this threat is that if wages increase, then so must ARRL dues. At \$25.00 a year, some Amateurs can't hack it now! Dues increases are inevitable from time to time, but, as I'm sure Dave Sumner, K1ZZ, General Manager, ARRL would tell you, increases must be kept at a minimum!

It seems that common sense prevailed.. this time.. thank Heaven!

-Jim Romelfanger K9ZZ